

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U080822\
 Data File : U050163.D
 Acq On : 09 Aug 2022 03:33
 Operator : SY/MD
 Sample : N4075-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV6

Quant Time: Aug 09 05:19:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 03:59:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	78540	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	78613	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30115	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	23043	3.526	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.909	69	22508	4.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.562	65	9207	3.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	4.626	46	98045	61.513	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.020%
24) Chloroform-d	5.063	84	59799	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.703	65	32631	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.729	84	108882	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.690	67	40010	4.953	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.899	98	83680	3.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.182	79	12050	4.162	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.636	63	61604	60.008	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37289	5.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	30080	5.098	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	2232	0.237	ug/L	92
8) Chloroethane	1.928	64	464	0.093	ug/L	97
9) Trichlorofluoromethane	2.134	101	502	0.054	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	386	0.075	ug/L #	44
14) Carbon disulfide	2.790	76	3357	0.173	ug/L #	94
16) Methylene chloride	3.044	84	4707	0.567	ug/L	83
25) Chloroform	5.083	83	612	0.050	ug/L	95
29) 1,1,1-Trichloroethane	5.317	97	506	0.052	ug/L #	35
38) Bromodichloromethane	7.108	83	411	0.046	ug/L #	76
48) 2-Hexanone	8.684	43	12761	3.883	ug/L #	87
55) Styrene	10.115	104	865	0.052	ug/L #	61
60) Isopropylbenzene	10.484	105	1515	0.075	ug/L #	93
62) 1,3,5-Trimethylbenzene	11.092	105	409	0.072	ug/L	88
64) 1,3-Dichlorobenzene	11.748	146	1270	0.125	ug/L	92
65) 1,4-Dichlorobenzene	11.835	146	1492	0.151	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	1375	0.140	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	1255	0.174	ug/L	95
70) 1,2,4-trichlorobenzene	13.844	180	1829	0.334	ug/L	96
71) Naphthalene	14.092	128	6142	0.547	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 09 03:59:45 2022
Response via : Initial Calibration

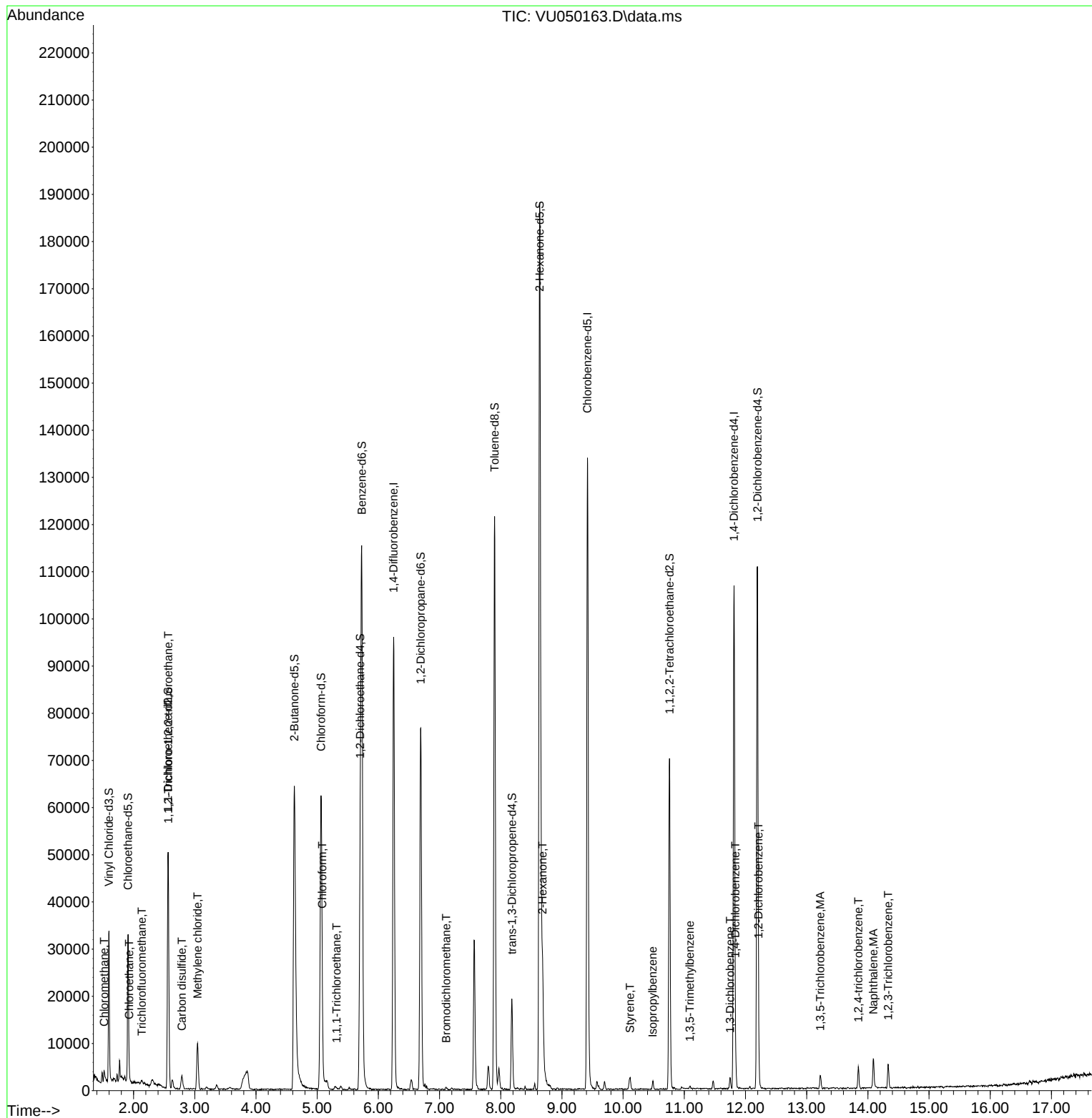
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	14.333	180	2081	0.375	ug/L	92

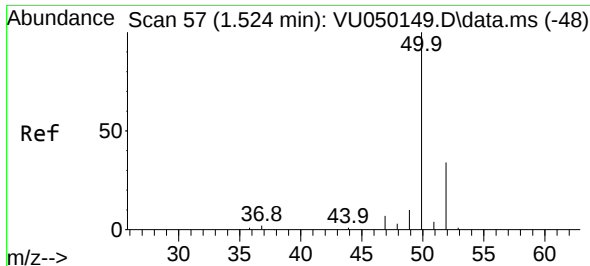
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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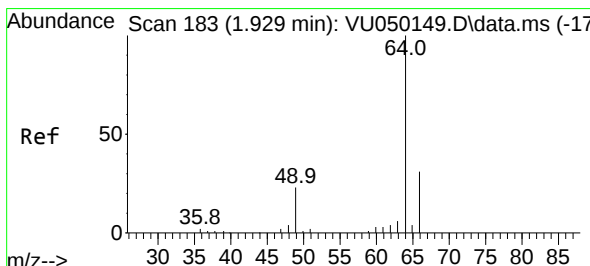
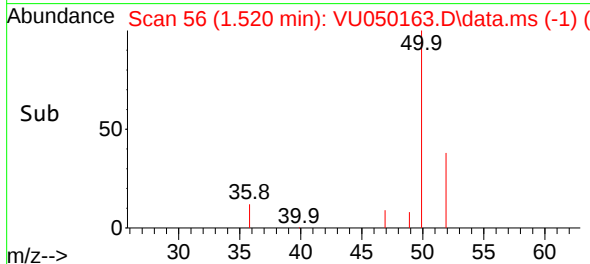
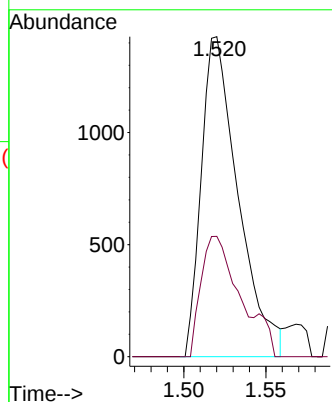
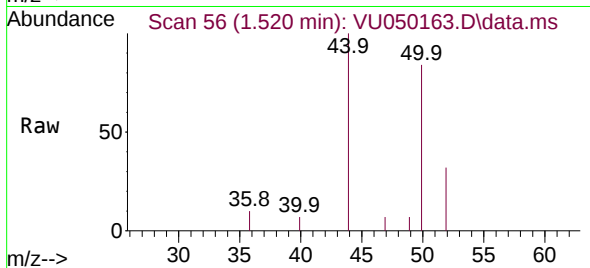




#3
Chloromethane
Concen: 0.237 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

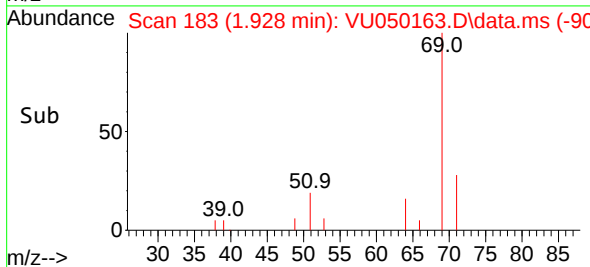
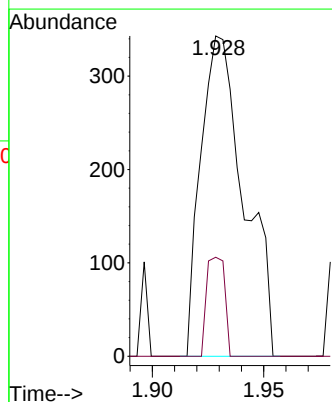
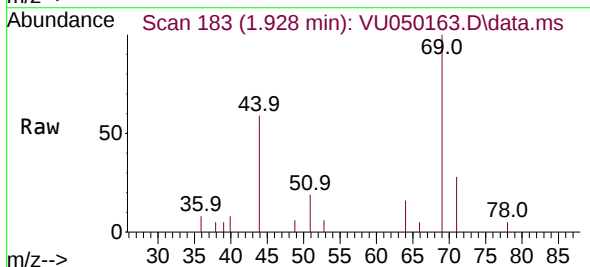
Instrument :
MSVOA_U
ClientSampleId :
DBUV6

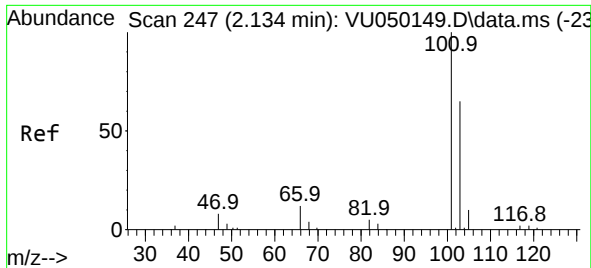
Tgt Ion: 50 Resp: 2232
Ion Ratio Lower Upper
50 100
52 37.6 23.2 43.2



#8
Chloroethane
Concen: 0.093 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

Tgt Ion: 64 Resp: 464
Ion Ratio Lower Upper
64 100
66 30.9 22.8 42.4

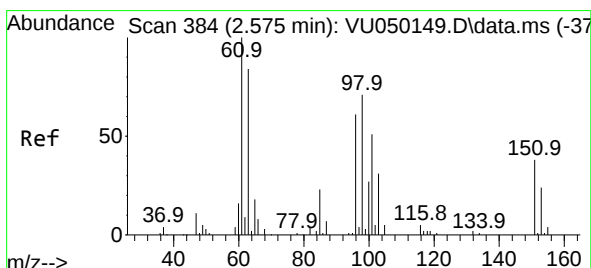
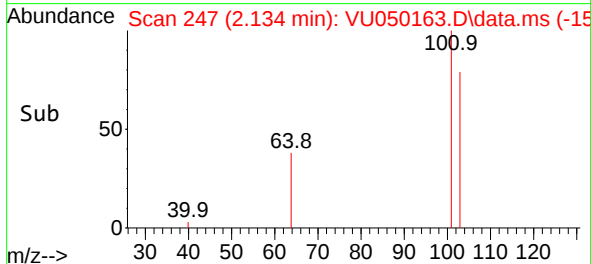
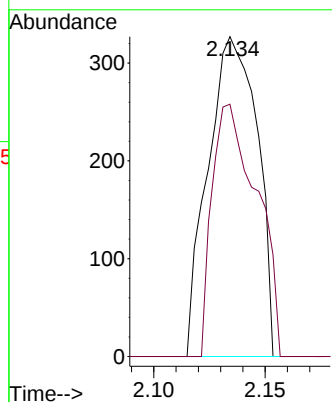
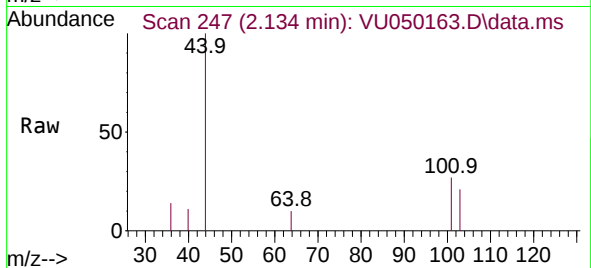




#9
Trichlorofluoromethane
Concen: 0.054 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

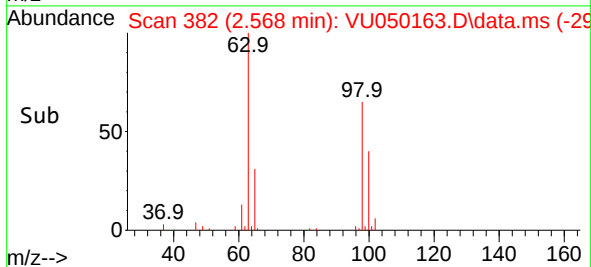
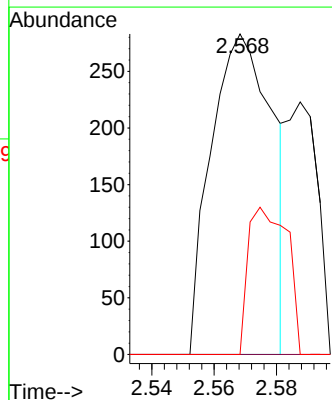
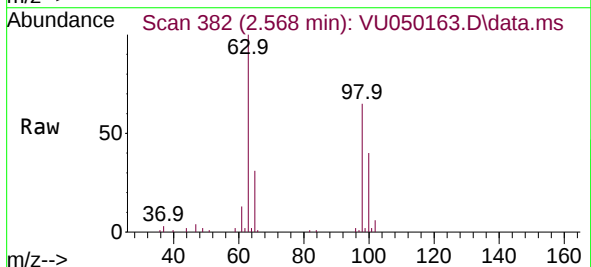
Instrument :
MSVOA_U
ClientSampleId :
DBUV6

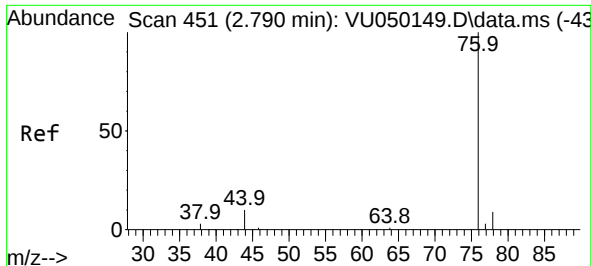
Tgt Ion:101 Resp: 502
Ion Ratio Lower Upper
101 100
103 71.7 52.6 78.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.007 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

Tgt Ion:101 Resp: 386
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 29.3 55.2 82.8#

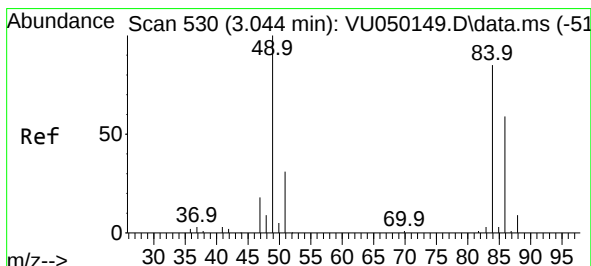
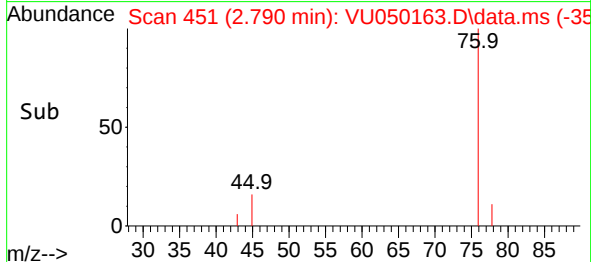
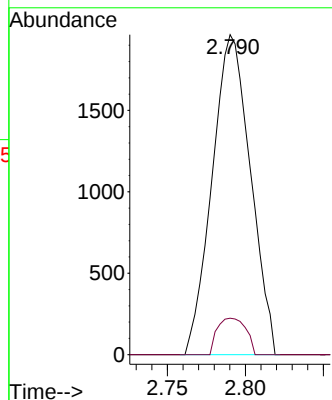
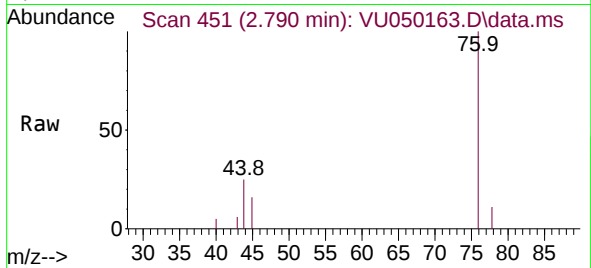




#14
Carbon disulfide
Concen: 0.173 ug/L
RT: 2.790 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

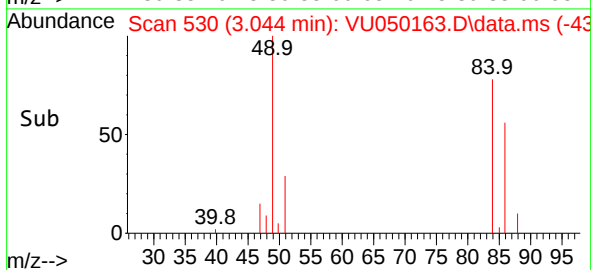
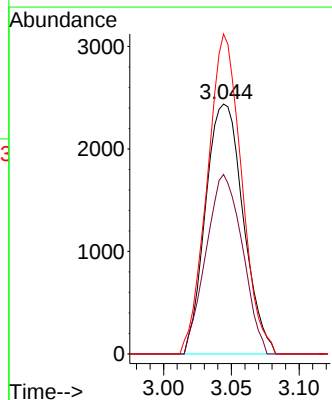
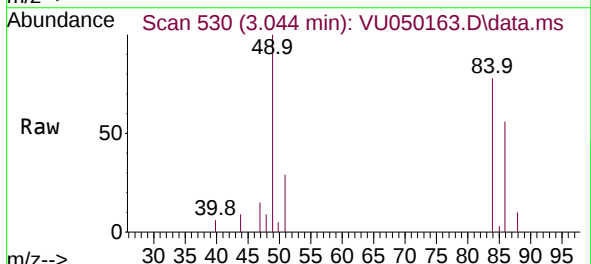
Instrument :
MSVOA_U
ClientSampleId :
DBUV6

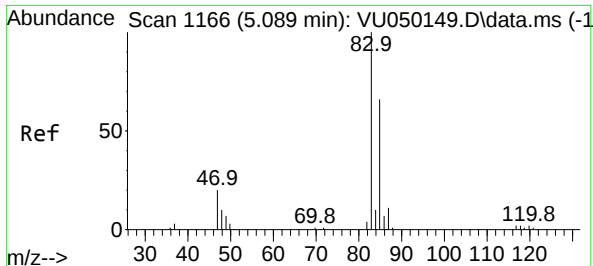
Tgt Ion: 76 Resp: 3357
Ion Ratio Lower Upper
76 100
78 11.4 7.4 11.0#



#16
Methylene chloride
Concen: 0.567 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

Tgt Ion: 84 Resp: 4707
Ion Ratio Lower Upper
84 100
86 71.8 45.9 85.3
49 134.2 77.6 144.0





#25

Chloroform

Concen: 0.050 ug/L

RT: 5.083 min Scan# 1166

Delta R.T. -0.007 min

Lab File: VU050163.D

Acq: 09 Aug 2022 03:33

Instrument :

MSVOA_U

ClientSampleId :

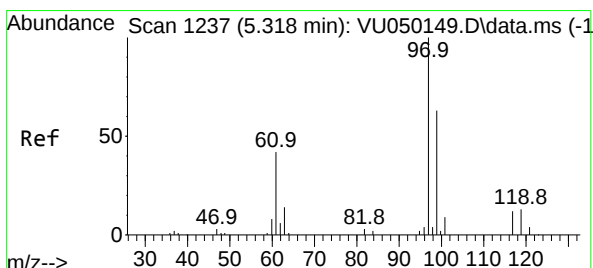
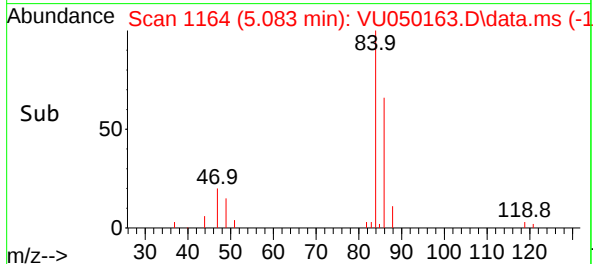
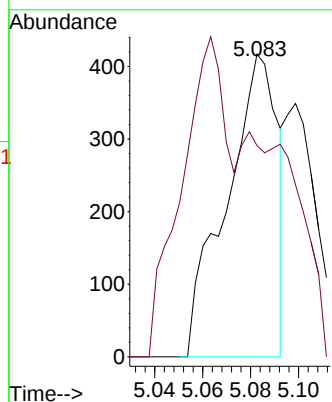
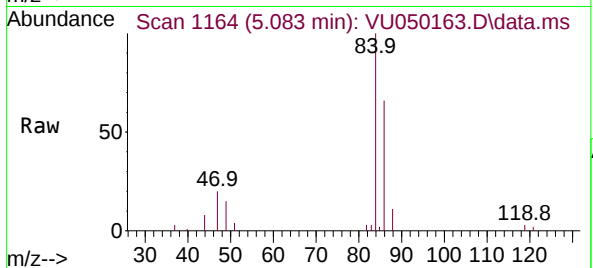
DBUV6

Tgt Ion: 83 Resp: 612

Ion Ratio Lower Upper

83 100

85 69.8 46.1 85.5



#29

1,1,1-Trichloroethane

Concen: 0.052 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU050163.D

Acq: 09 Aug 2022 03:33

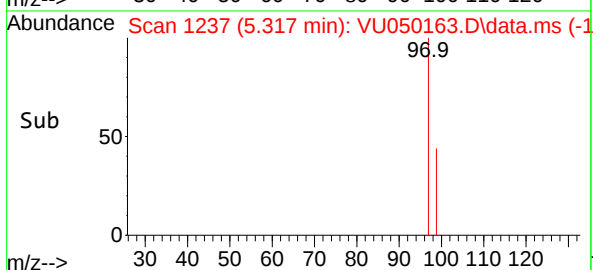
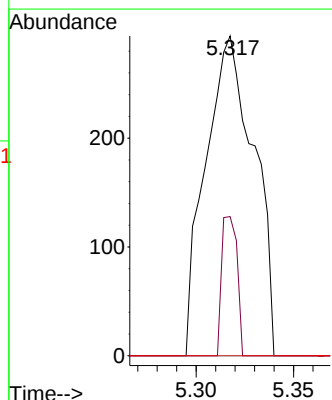
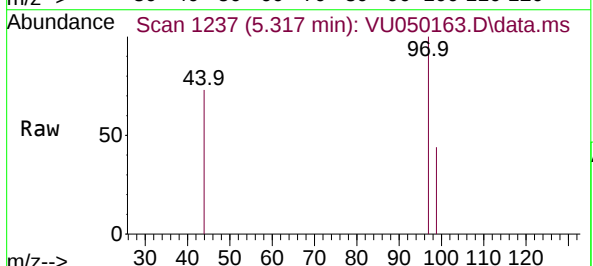
Tgt Ion: 97 Resp: 506

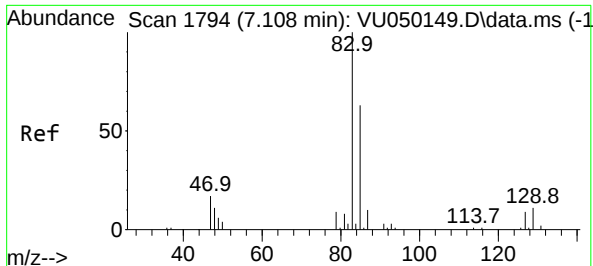
Ion Ratio Lower Upper

97 100

99 13.8 51.5 77.3#

61 0.0 34.2 51.4#

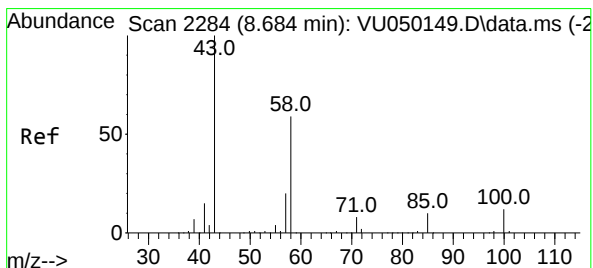
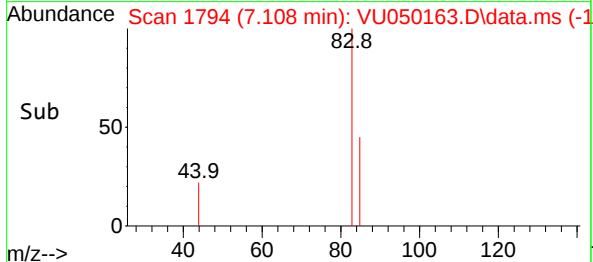
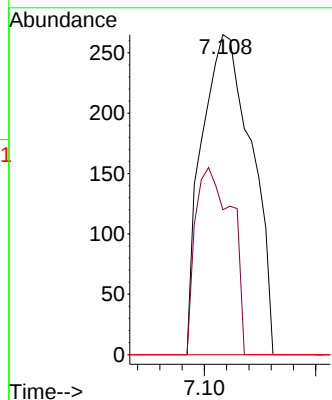
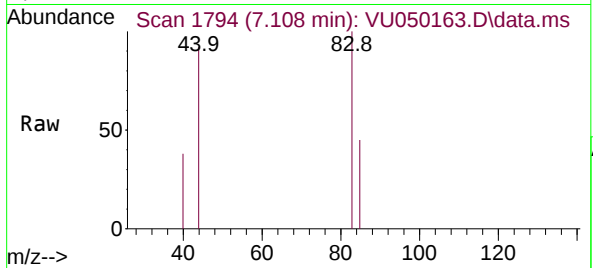




#38
Bromodichloromethane
Concen: 0.046 ug/L
RT: 7.108 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

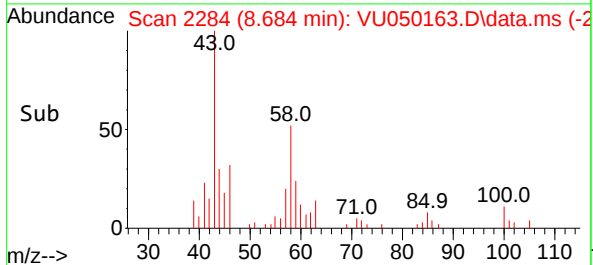
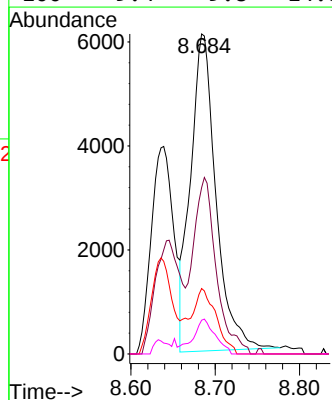
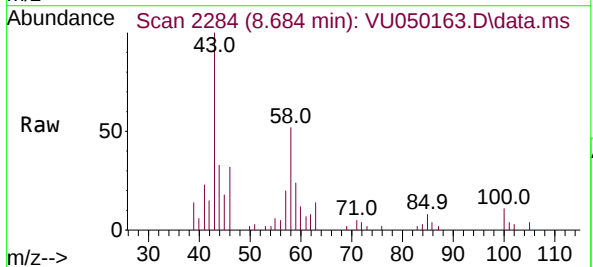
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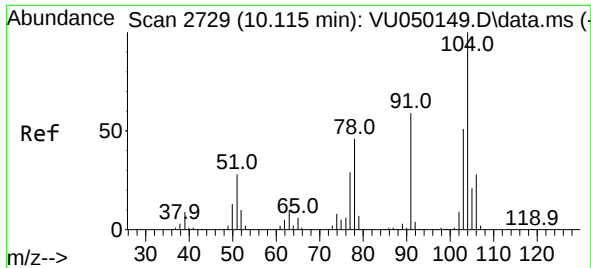
Tgt Ion: 83 Resp: 411
Ion Ratio Lower Upper
83 100
85 45.3 45.1 83.7
127 0.0 6.8 10.2#



#48
2-Hexanone
Concen: 3.883 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

Tgt Ion: 43 Resp: 12761
Ion Ratio Lower Upper
43 100
58 50.4 50.6 76.0#
57 18.1 16.0 24.0
100 9.4 9.8 14.8#

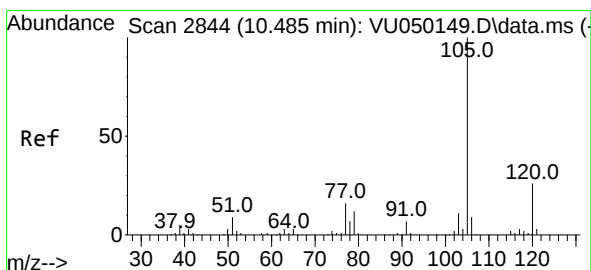
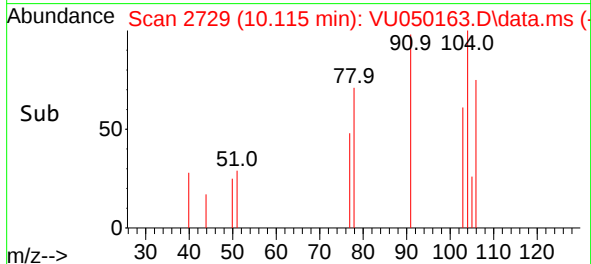
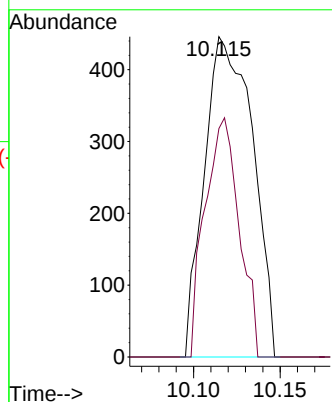
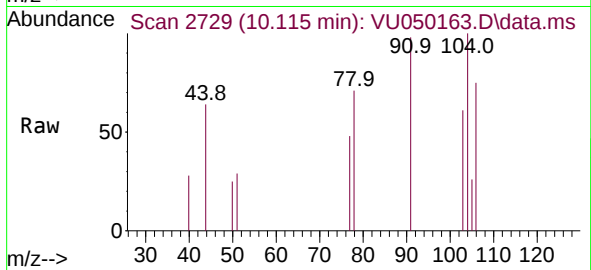




#55
Styrene
Concen: 0.052 ug/L
RT: 10.115 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

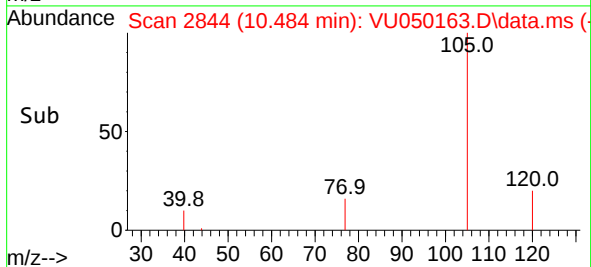
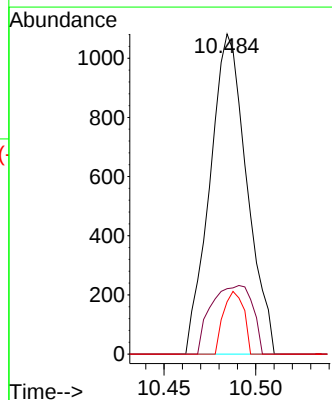
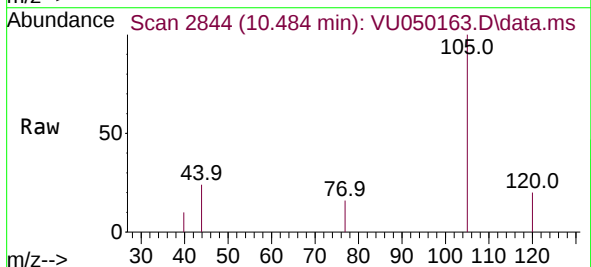
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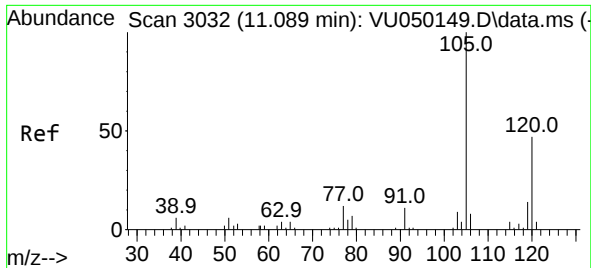
Tgt Ion:104 Resp: 865
Ion Ratio Lower Upper
104 100
78 71.3 31.9 59.3#



#60
Isopropylbenzene
Concen: 0.075 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

Tgt Ion:105 Resp: 1515
Ion Ratio Lower Upper
105 100
120 24.0 20.8 31.2
77 10.7 12.6 19.0#

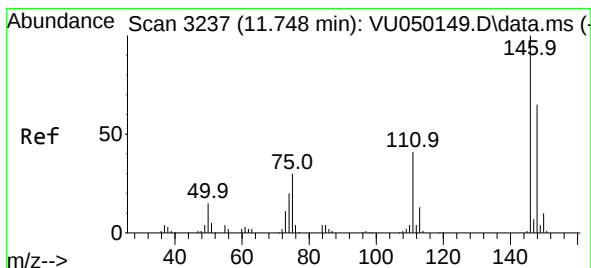
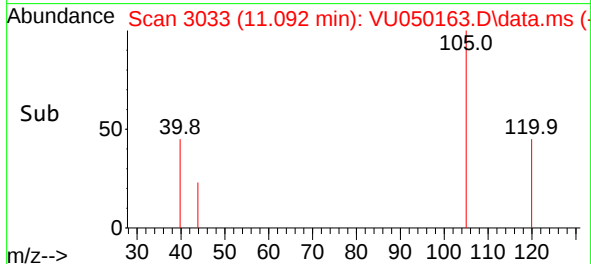
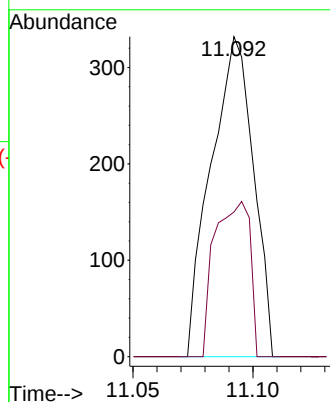
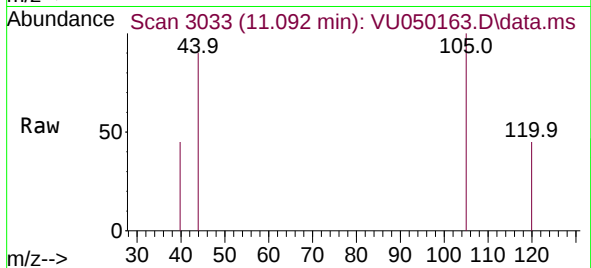




#62
1,3,5-Trimethylbenzene
Concen: 0.072 ug/L
RT: 11.092 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

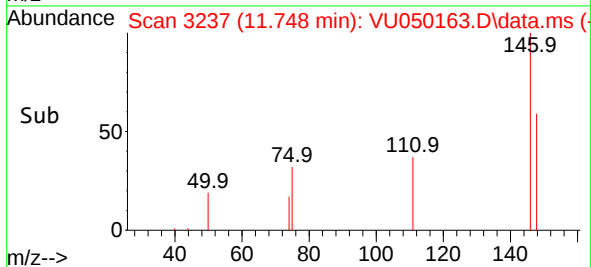
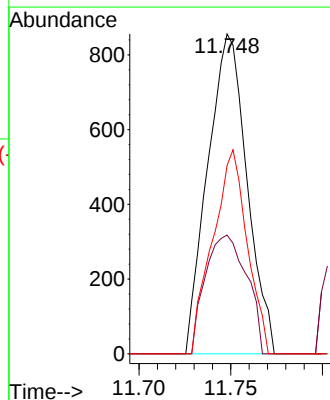
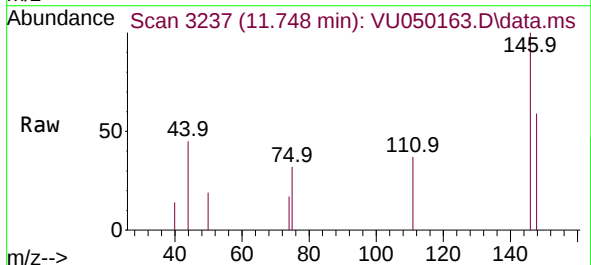
Instrument :
MSVOA_U
ClientSampleId :
DBUV6

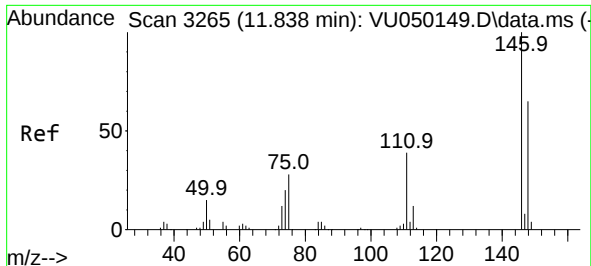
Tgt Ion:105 Resp: 409
Ion Ratio Lower Upper
105 100
120 40.3 38.9 58.3



#64
1,3-Dichlorobenzene
Concen: 0.125 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

Tgt Ion:146 Resp: 1270
Ion Ratio Lower Upper
146 100
111 37.1 29.9 55.5
148 58.9 45.8 85.2

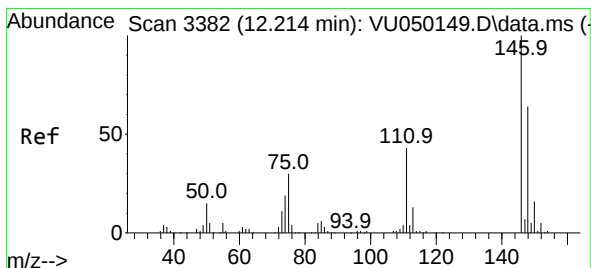
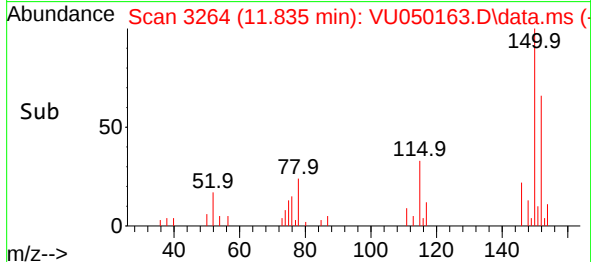
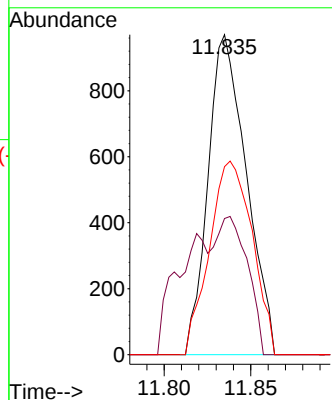
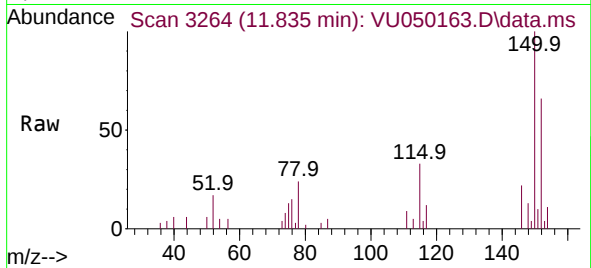




#65
1,4-Dichlorobenzene
Concen: 0.151 ug/L
RT: 11.835 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

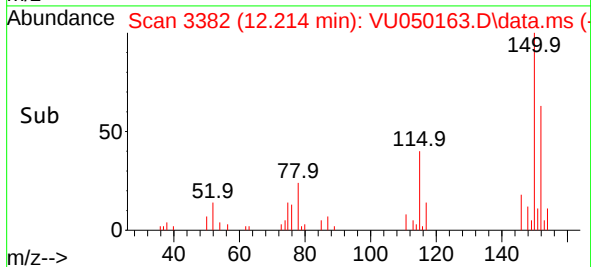
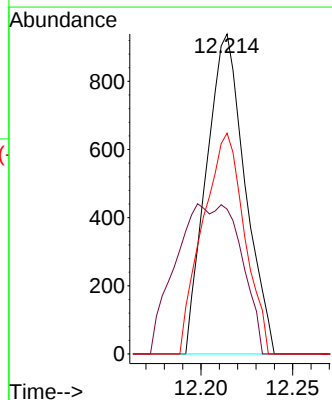
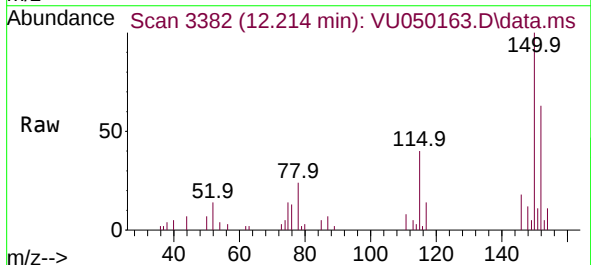
Instrument :
MSVOA_U
ClientSampleId :
DBUV6

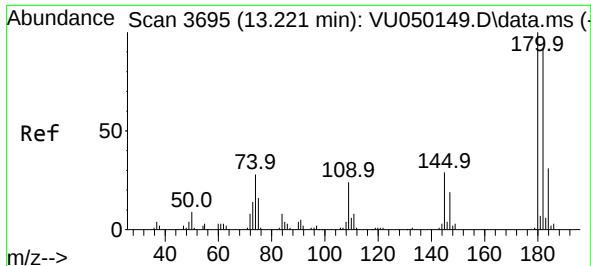
Tgt Ion:146	Resp:	1492
Ion Ratio	Lower	Upper
146	100	
111	42.6	28.1 52.1
148	58.8	44.6 82.8



#67
1,2-Dichlorobenzene
Concen: 0.140 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

Tgt Ion:146	Resp:	1375
Ion Ratio	Lower	Upper
146	100	
111	45.3	32.9 49.3
148	69.0	50.4 75.6

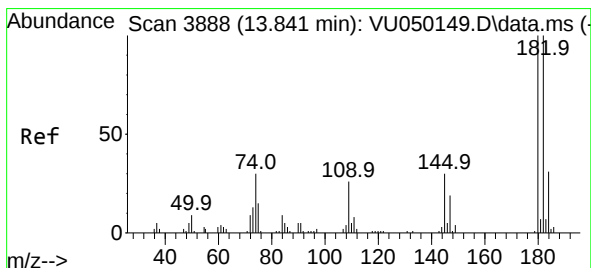
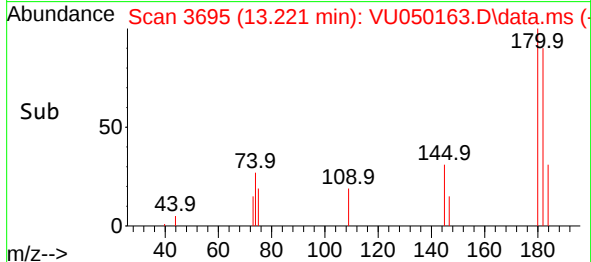
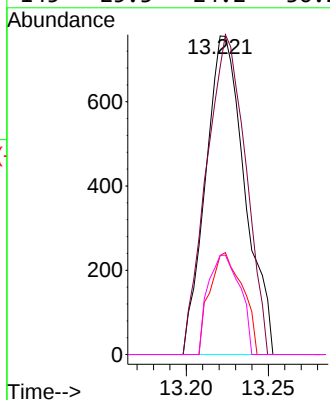
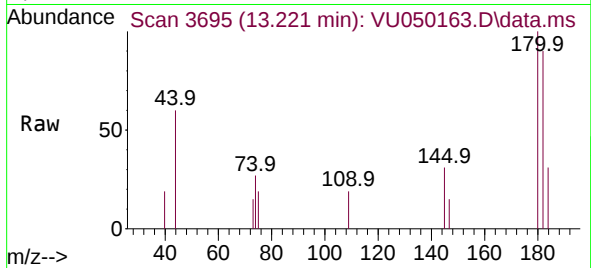




#69
 1,3,5-Trichlorobenzene
 Concen: 0.174 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU050163.D
 Acq: 09 Aug 2022 03:33

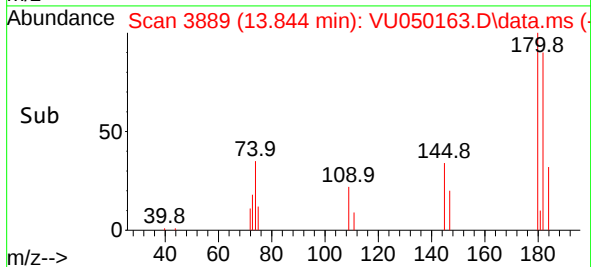
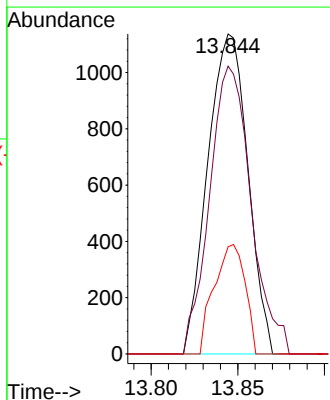
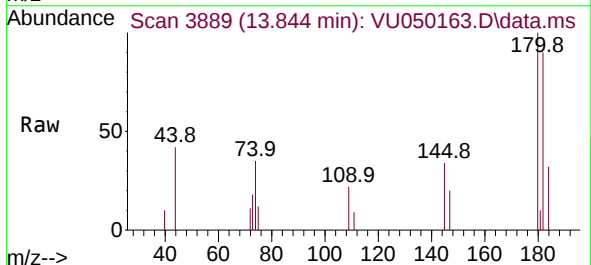
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUV6

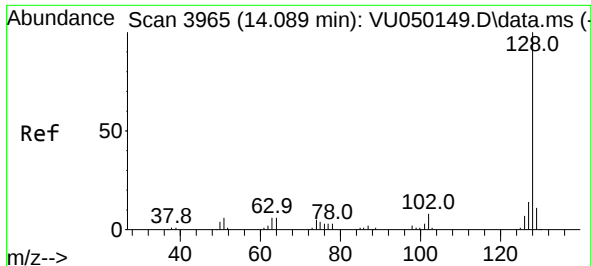
Tgt Ion:180	Resp:	1255
Ion	Ratio	Lower Upper
180	100	
182	99.9	77.3 115.9
184	26.8	24.1 36.1
145	25.3	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 0.334 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU050163.D
 Acq: 09 Aug 2022 03:33

Tgt Ion:180	Resp:	1829
Ion	Ratio	Lower Upper
180	100	
182	92.9	76.9 115.3
145	26.4	24.2 36.4

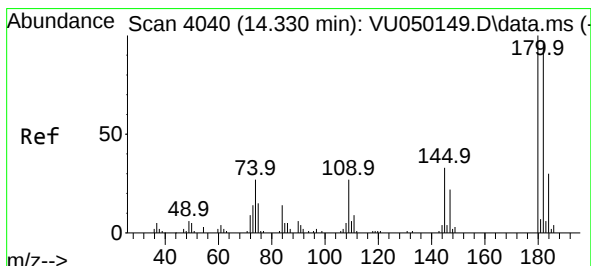
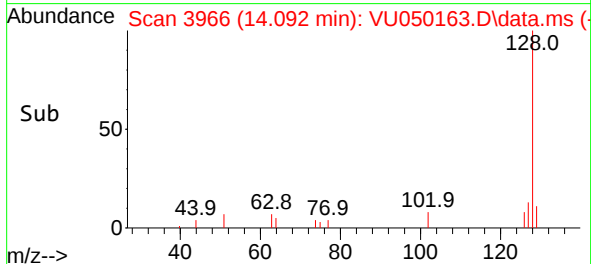
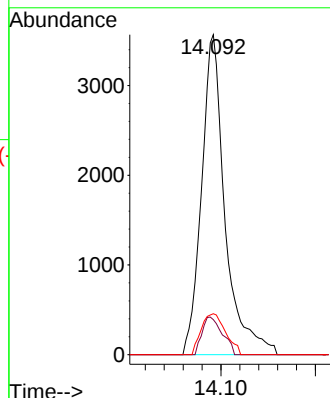
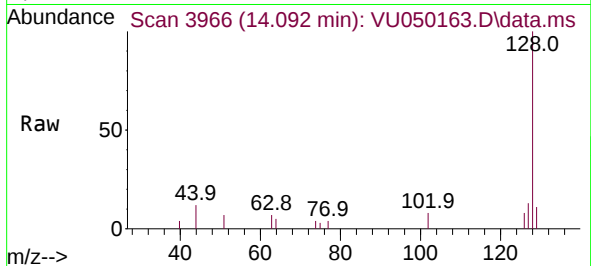




#71
Naphthalene
Concen: 0.547 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

Instrument :
MSVOA_U
ClientSampleId :
DBUV6

Tgt Ion:	128	Resp:	6142
Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.6	12.8
127	13.3	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 0.375 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU050163.D
Acq: 09 Aug 2022 03:33

Tgt Ion:	180	Resp:	2081
Ion	Ratio	Lower	Upper
180	100		
182	89.5	77.5	116.3
145	27.5	25.8	38.6

